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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/629,845	07/30/2003	Wassim Haddad	1509-432	6139
22879	7590	08/20/2007		
HEWLETT PACKARD COMPANY			EXAMINER	
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INTELLECTUAL PROPERTY ADMINISTRATION				
FORT COLLINS, CO 80527-2400			ART UNIT	PAPER NUMBER
			2617	
			MAIL DATE	DELIVERY MODE
			08/20/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Advisory Action Before the Filing of an Appeal Brief</b>	Application No. 10/629,845	Applicant(s) HADDAD, WASSIM
	Examiner Shantell Portis	Art Unit 2617

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 26 July 2007 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1.  The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

a)  The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.  
 b)  The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### NOTICE OF APPEAL

2.  The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

#### AMENDMENTS

3.  The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because  
 (a)  They raise new issues that would require further consideration and/or search (see NOTE below);  
 (b)  They raise the issue of new matter (see NOTE below);  
 (c)  They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
 (d)  They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_. (See 37 CFR 1.116 and 41.33(a)).

4.  The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5.  Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.

6.  Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7.  For purposes of appeal, the proposed amendment(s): a)  will not be entered, or b)  will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: 1-16.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

#### AFFIDAVIT OR OTHER EVIDENCE

8.  The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9.  The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

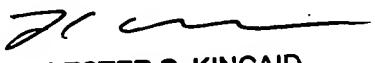
10.  The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

#### REQUEST FOR RECONSIDERATION/OTHER

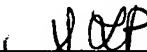
11.  The request for reconsideration has been considered but does NOT place the application in condition for allowance because:  
See Attachment.

12.  Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). \_\_\_\_\_

13.  Other: \_\_\_\_\_.

  
LESTER G. KINCAID

SUPERVISORY PRIMARY EXAMINER

  
J. D. P.

***Response to Arguments***

1. Applicant's arguments filed on July 26, 2007 have been fully considered but they are not persuasive.

The applicant argues that *Cromer's method is distinguished from the Applicant's bandwidth allocation method in that unlike Applicant's method of reallocating bandwidth between access points, Cromer appears to reallocate clients.* The examiner agrees that Cromer et al. reallocates clients, however, Cromer et al. also reallocates bandwidth between access points as claimed in claims 1, 7, and 13-16. Cromer et al. discloses an apparatus and method providing dynamic load balancing of network bandwidth between access points. Each access point via the control unit monitors bandwidth utilization by maintaining Table 500. The access point stores the average bandwidth used by each client. The aggregate bandwidth which is the sum of all the bandwidth used by each client, is also calculated and stored. The aggregate bandwidth is then compared against a threshold value. The access point bandwidth capacity is reallocates based upon the relationship between the aggregate bandwidth and the threshold value, where clients may be moved to reduce aggregate bandwidth below the threshold or may be added based on extra available capacity. The access point monitors and responds to requests for redistribution, for example, when a request to redistribute is received, a test is performed to see if extra capacity is available. This is done by checking the aggregate bandwidth. Therefore, the bandwidth usage of each access point via the control unit is continuously monitored. See paragraphs [0031] and [0038]-[0044].

2. In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., unlike Applicant's method that **automatically reallocates bandwidth based upon a real-time determination** of bandwidth usage (page 1 of applicant's remarks, last paragraph, lines 5 and 6) and the Applicant's allocation of capacity to the access point requiring additional capacity, **so as not to require forced roaming of the client** (page 2 of applicant's remarks, first paragraph, lines 9 and 10) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

Therefore, the examiner maintains rejections as previously presented.